

In The Claims:

Please cancel claims 1-26. Please add claims 27-55 as follows:

27. A portable power tool comprising:
- a. a housing comprising a drive mechanism and a motor;
 - b. a handle portion attached to the housing and aligned along a handle axis and having a power activator switch mounted thereon; and
 - c. a detecting device releasably attached to a mounting surface on at least one of the housing or the handle portion.
28. The portable tool of claim 27 further comprising:
- a. a first fastener on one of the housing or the handle portion and
 - b. a second fastener on the detecting device to releasably cooperate with the first fastener.
29. The portable tool of claim 27 wherein the portable tool is a portable battery operated drill.
30. The portable tool of claim 27 wherein the housing has an upper surface and the mounting surface on the housing is on the upper surface.
31. The portable tool of claim 27 further comprising at least one slot on one of the housing or the handle portion for receiving a portion of the detecting device to removably fix the detecting device to the portable tool.
32. The portable tool of claim 27 wherein the detecting device is releasably attached to the handle portion.
33. The portable tool of claim 27 wherein the handle portion further includes a power supply end.

34. The portable tool of claim 33 wherein the detecting device is releasably attached to the power supply end.

35. The portable tool of claim 27 wherein the detecting device is releasably attached to the housing portion.

36. A portable power tool comprising:

- a. a housing comprising an upper surface;
- b. a drive mechanism contained in the housing;
- c. a handle portion aligned along a handle axis and attached to the housing and having a power activator switch mounted thereon; and
- d. a measuring device comprising a body and a sensor, wherein the measuring device is releasably attached to the upper surface of the housing.

37. The portable power tool of claim 36 further comprising a battery in electrical communication with the drive mechanism to power the portable power tool and wherein the measuring device is in electrical communication with the battery.

38. The portable power tool of claim 36 further comprising a fastener on the upper surface of the housing to cooperate with a fastener on the measuring device to releasably attach the measuring device to the upper surface of the housing.

39. The portable power tool of claim 36 further comprising at least one slot on one of the housing or the handle portion to removably fix [the detecting device] to the portable power tool.

40. The portable power tool of claim 36 further comprising a rotary output shaft along a tool axis and connected to the drive mechanism.

41. The portable tool of claim 36 wherein the measuring device is removably attached to the handle portion.

42. The portable tool of claim 36 wherein the handle portion further includes a power supply end.

43. The portable tool of claim 42 wherein the measuring device is removably attached to the power supply end.

44. The portable tool of claim 36 wherein the measuring device is removably attached to the housing portion.

45. A portable power tool comprising:

a. an elongated motor housing generally aligned along a tool axis, the housing provided with a forward end, a rear end, an upper surface, and a lower surface which forms a handle; and,

b. a measuring device removably affixed to at least one of the motor housing or handle, wherein the measuring device can be detached and used separate from the portable power tool.

46. The portable power tool of claim 45 wherein the measuring device is removably affixed to the handle portion.

47. The portable power tool of claim 45 wherein the handle portion further includes a power supply end.

48. The portable power tool of claim 47 wherein the measuring device is removably affixed to the power supply end.

49. The portable tool of claim 45 wherein the measuring device is removably affixed to the housing portion.

50. A detecting device for a portable power tool that has a housing, a handle portion, and a mounting surface on one of the housing or handle portion, the detecting device comprising a body configured to releasably attach to the mounting surface.

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51. The detecting device of claim 50 further comprising a fastener to cooperate with the mounting surface to releasably secure the detecting device to the portable power tool.

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52. The detecting device of claim 50 wherein the portable power tool has a slot proximate the mounting surface and the detecting device further comprises a portion sized to be received within the slot.

53. The detecting device of claim 50 wherein the detecting device is releasably attached to the mounting surface on the handle portion.

54. The detecting device of claim 50 wherein the handle portion further includes a power supply end and the detecting device is releasably attached to the power supply end.

55. The detecting device of claim 50 wherein the detecting device is releasably attached to the mounting surface on the housing portion.
